

Abstract

Methods and apparatus for providing customer premises with broadband data communication services access and narrowband telecommunication services access using a cable from a public communications network are presented. A distribution network having a number of jacks at the customer premises location is provided and ADSL technology is implemented. The distribution network is used as a distribution network for both higher frequency signals used for broadband communication and lower frequency signals used for narrowband communication. At least one jack is used for connection of a splitter filter for separating higher frequency signals from lower frequency signals. A broadband access device is connected to a high frequency port of the splitter filter and a narrowband access device is connected to a low frequency port of the splitter filter. Each of said broadband and narrowband access devices includes a number of user interfaces for accessing the broadband and narrowband services.

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